

ELECTRIC FURNACE EXTENDING METHOD AND EXTENSION APPARATUS
FOR OPTICAL FIBER GLASS BODY

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ABSTRACT OF THE DISCLOSURE

10 An electric furnace extending method and apparatus
for an optical fiber glass body alignment when connecting
the extension use body and pulling member and making it
possible to immediately start the extension after the
fusing of the connection portion. A centering mechanism for
centering the free end portion of the body and member on
the furnace center side is provided between the furnace
pipe of the electric furnace and grips of the extension use
15 glass body and between the furnace pipe and the pulling
member. The free end portion is centered by this centering
mechanism, then the gripped sides of the body and member
are fixed, the front ends of the two free end portions are
abutted and fused and bonded at the highest temperature
20 portion inside the electric furnace, then the highest
temperature portion is moved to the extension portion of
the glass body side and the extending of the glass body is
commenced.